

Fig. 1

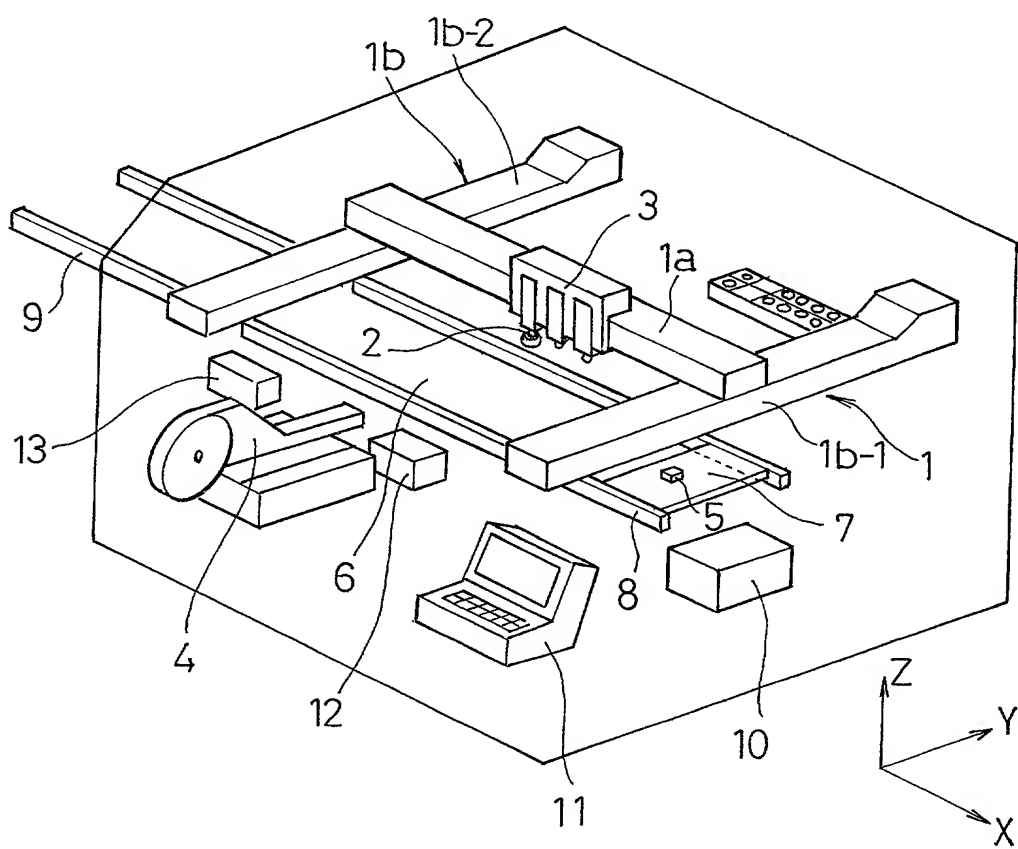


Fig. 2

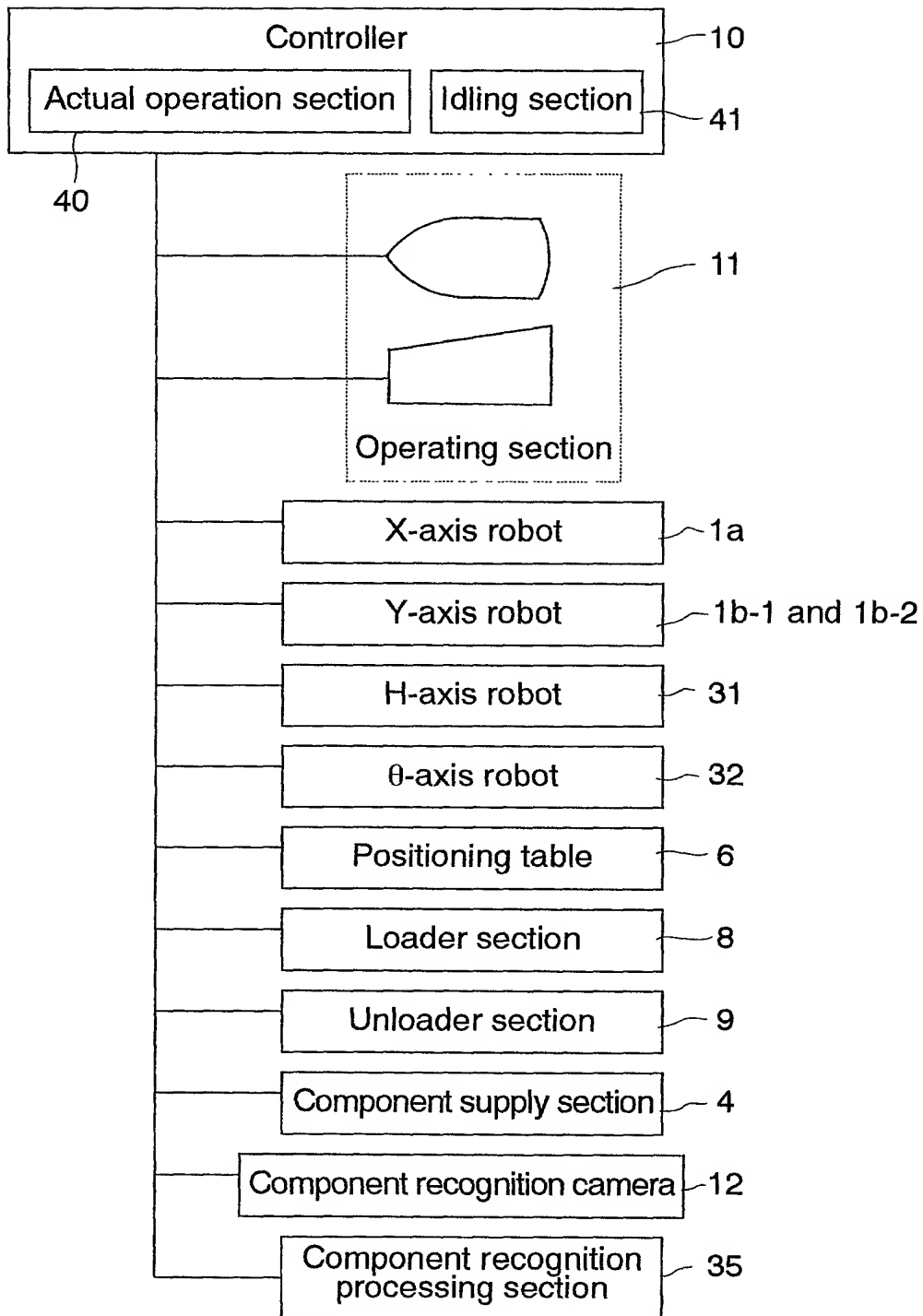


Fig. 3

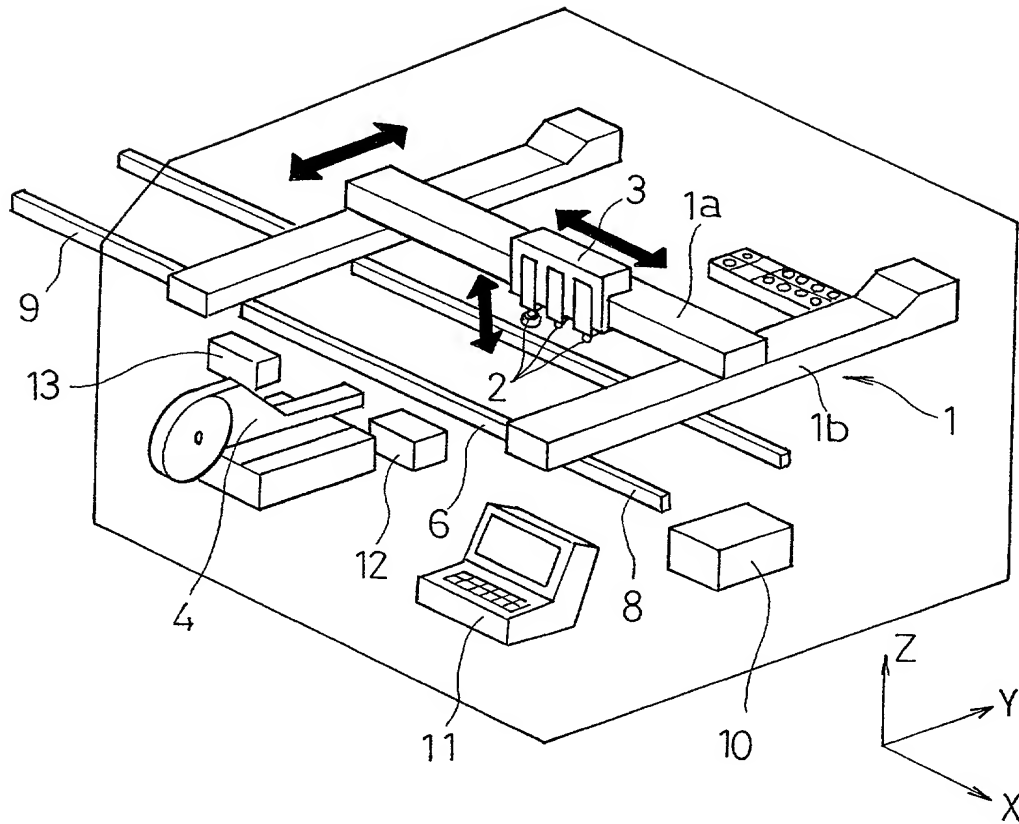


Fig. 4

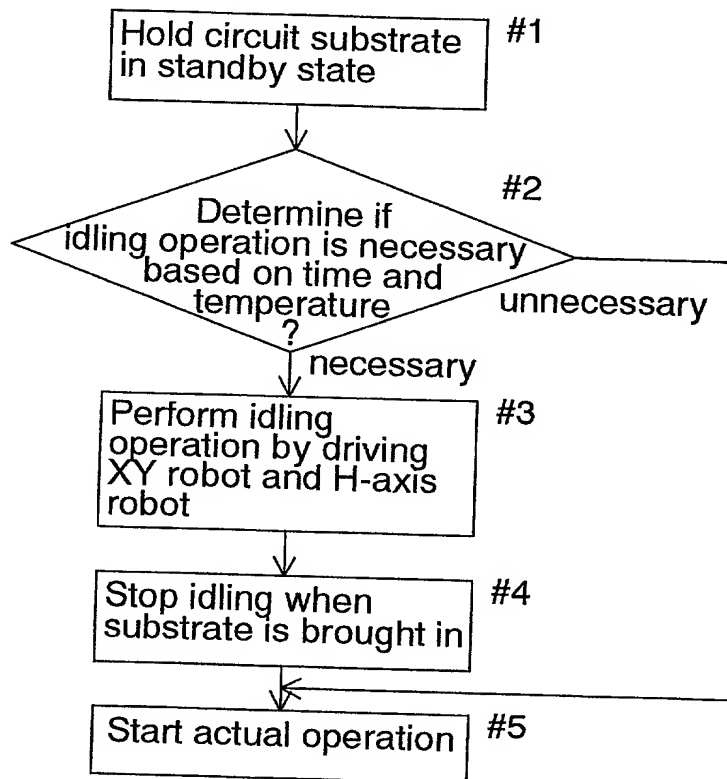


Fig. 5

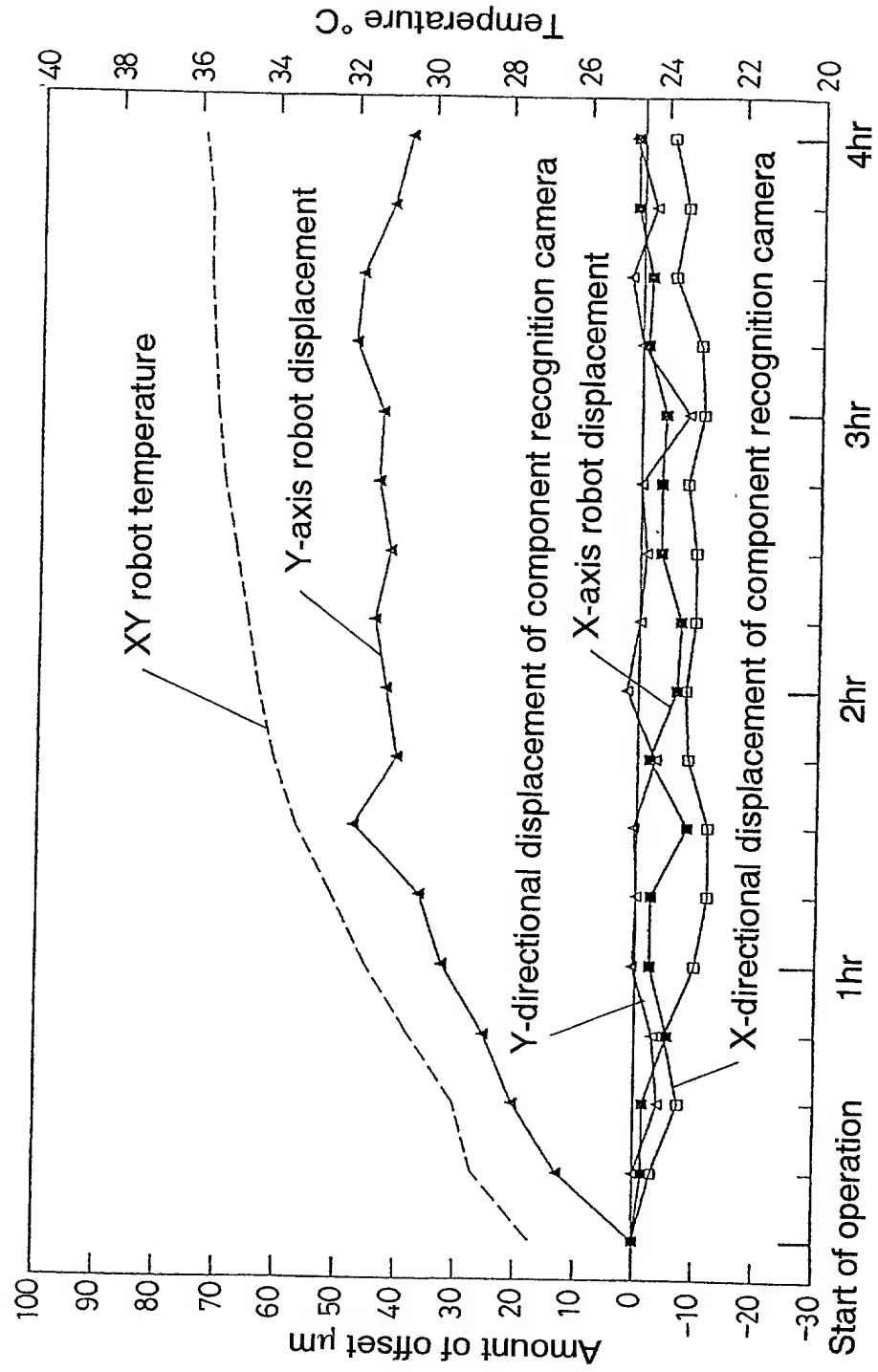


Fig . 6

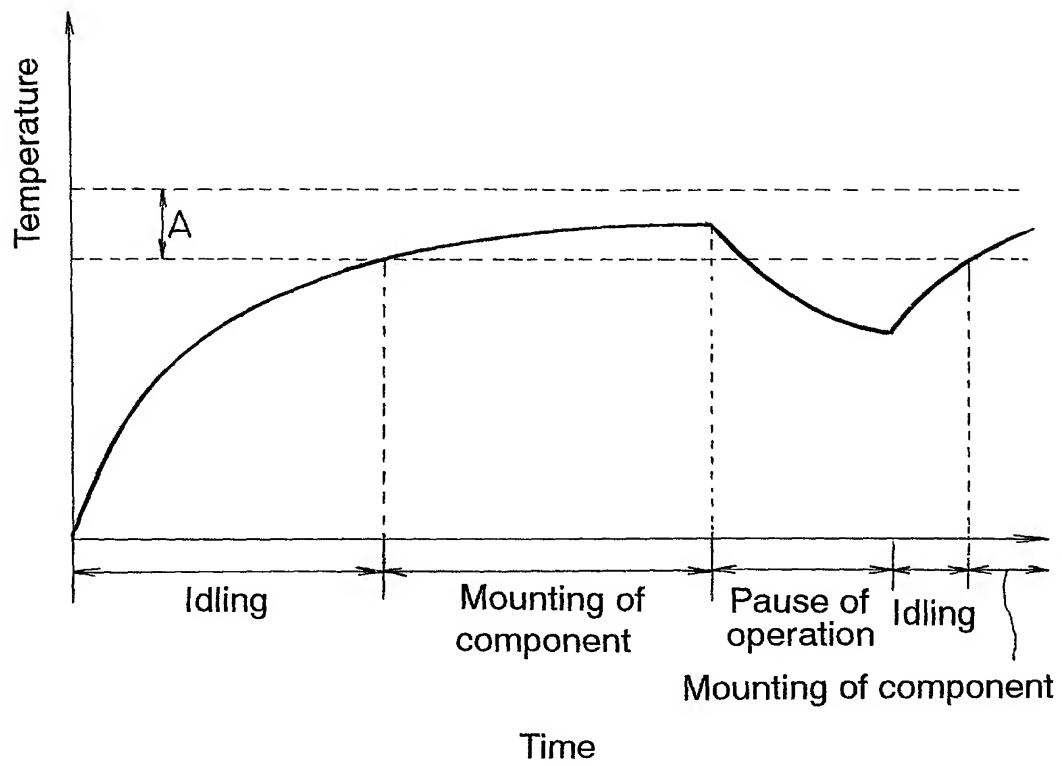
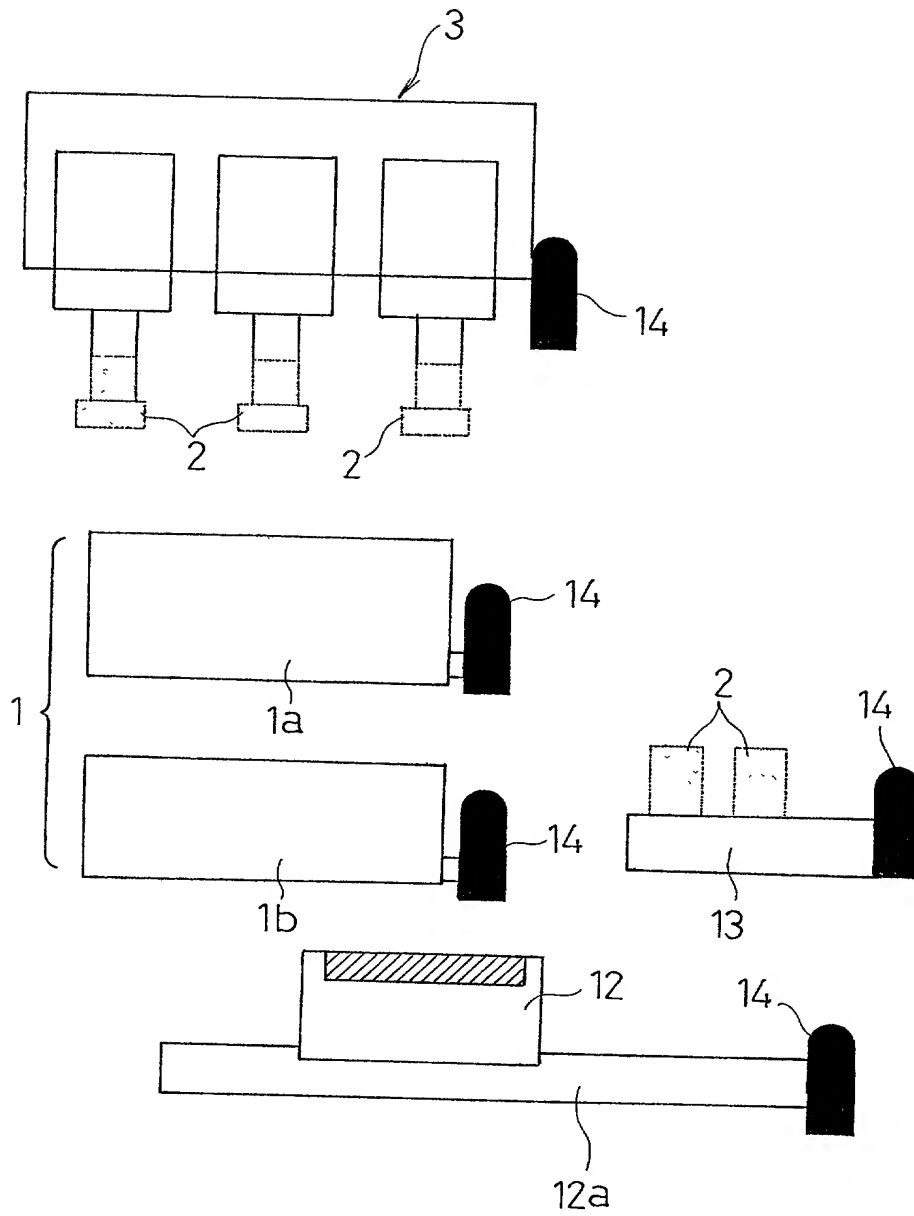


Fig. 7



F i g . 8

	Temperature change of unit	Temperature °C
1	X-axis robot	27
2	Y-axis robot	27
3	Head	25
4	Component recognition camera	25

Fig. 9A

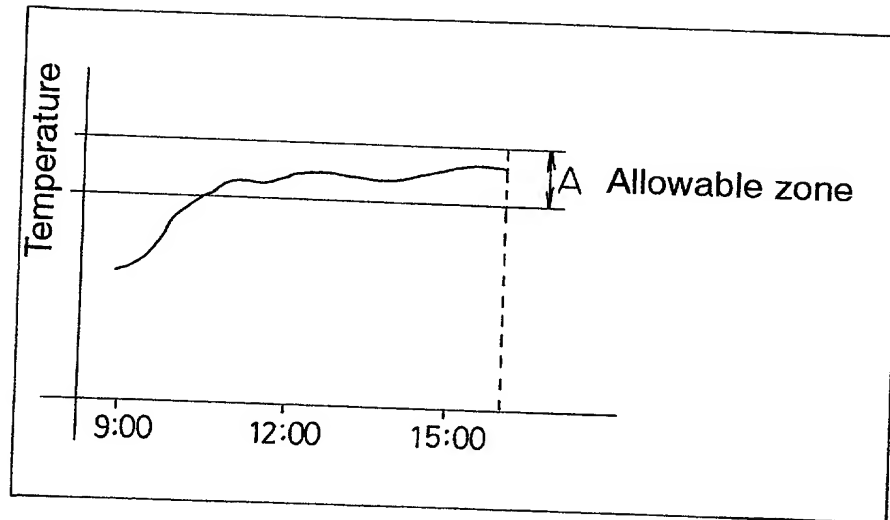


Fig. 9B

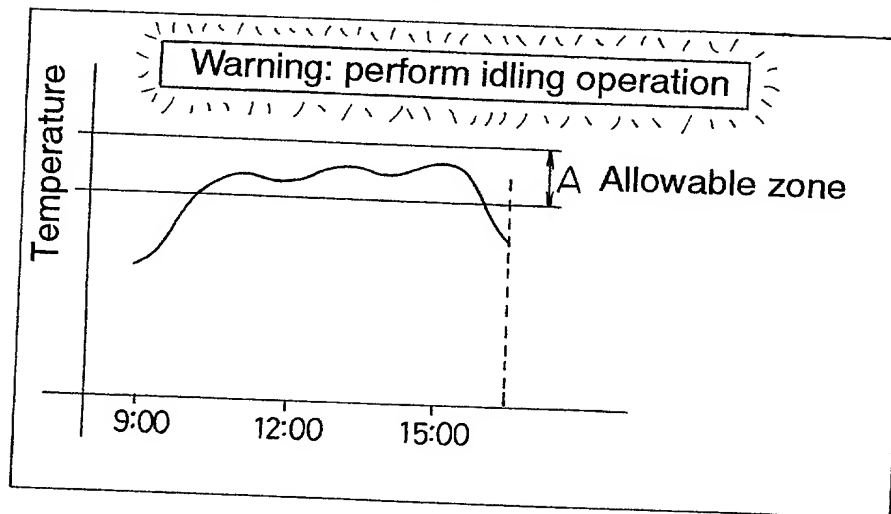


Fig. 10
Prior Art

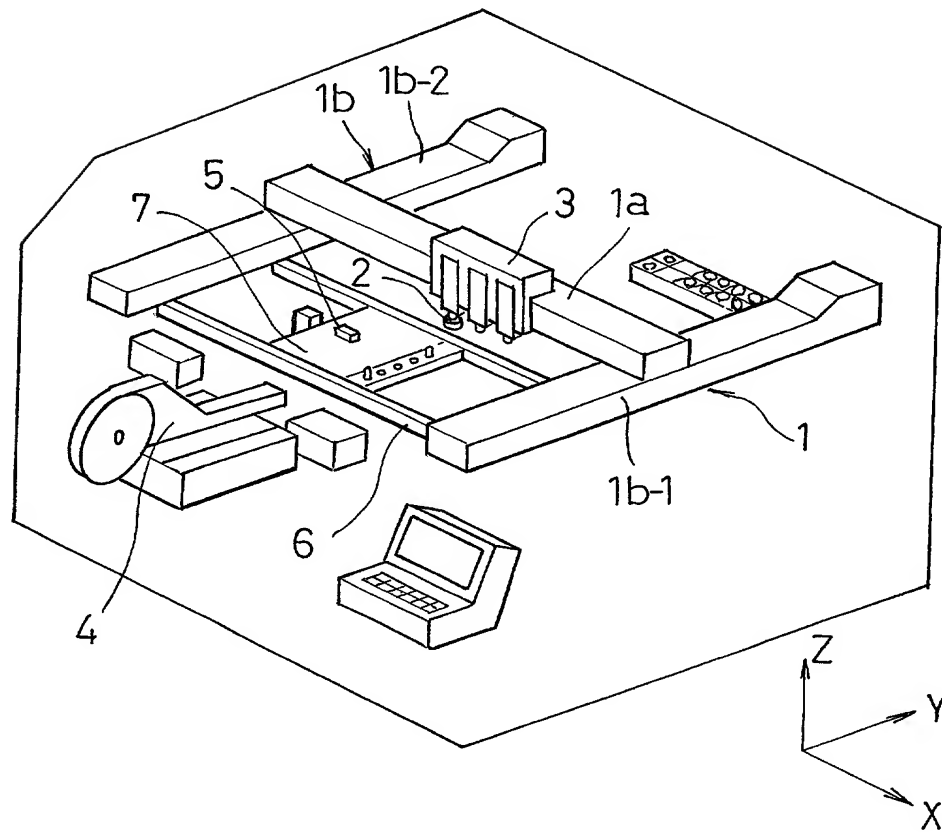


Fig. 11
Prior Art

